

NEW products



ing gears, automotive wheels, engine and transmission parts, and profiling rollers. The plunge finishers have variable speed control, vertical oscillation, and eccentric orbital movement.

Rosler's TSA line can be configured for robotic interface for easy loading and unloading. All TSA machines feature heavy-duty construction and industrial grade motors and include a work bowl lined with highly wear-resistant polyurethane. They also come with a user-friendly PLC-based control panel for programming of all essential operations. Other features include a media unload plug for quick and easy media changes as well as dosing equipment for accurately managing water and compounds.

Visit www.rosler.us for more information.

POST-PLATING PROCESS

Technic has developed **Auroguard NP-12**, a post-treatment process that provides a protective coating on the surface of gold-plated contacts used in connector applications, improving corrosion and wear-resistance. Using Auroguard NP-12 improves gold deposit quality and enables application of a reduced gold thickness without any decrease in deposit performance, the company claims.



Technic's Auroguard NP-12 chemistry is non-flammable and halogen-free and the coating is thermally stable and able to withstand significant thermal exposures (up to 260°C). Auroguard NP-12 can be used as an alternative to the generic lubricants commonly used in the industry.

Auroguard NP-12 is the latest release in Technic's Goldeneye gold reduction technology platform.

Visit www.technic.com/goldeneye for more information.

ELECTRO-CLEANING SYSTEMS

Walter Surface Technologies has improved its SURFOX weld electro-cleaning system. The system now offers better cleaning performance, new models, a larger range of accessories, and an improved stainless steel passivation tester.

"More and more clients require high quality, clean and visibly pleasing welds; the older methods of cleaning welds are costly, unsafe and complicated," said Timothy Houghton, president and COO of Walter Surface Technologies International.

Welding stainless steel often leaves a heat tint on the surface that metal fabricators must remove in order to satisfy the demand for a clean, fully passivated surface. Grinding is time-consuming, labor intensive, and not always effective. Cleaning with pickling pastes exposes the workers and the envi-

ronment to toxic compounds and can be difficult to use. Walter's Surfox system replaces mechanical abrasion and pickling paste with an electrolyte solution. The result is a safer, healthier industrial environment for the worker and a more efficient work process that lowers costs and produces a qualitative, consistent finish on stainless steel.

In a typical application, the worker fills the weld cleaning machine with a conductive electrolyte cleaning solution. When switched on, the unit pumps the solution through an application pad, which simultaneously cleans and passivates the part at a rate of 3 to 6 feet per minute. After the electro-cleaning process, the worker applies a neutralizing fluid to rebalance the pH of the solution.

Now available in the USA are three new models—the versatile 204, the 104 for production work, and the mini for onsite jobs, touch-ups and repairs.

Specific improvements include:

- **Improved internal circuitry.** New inverter boards provide non-stop cleaning, offering higher performance and productivity. The new circuitry provides a steady current, so the cleaning unit has no down-time, and enables the use of highly conductive materials for new accessories.
- **More machine settings for electrochemical cleaning.** With the flexibility of 3 settings (on the Surfox 204 machine only), the worker can set the unit to Low, Medium, or High according to the required cleaning level.
- **A new carbon fiber brush for precision cleaning.** The high conductivity of carbon fiber results in greater electrochemical cleaning power, making this new accessory ideal for intricate, narrow areas or tight corners. This accessory is sold separately.
- **A large graphite insert and pad.** This new accessory is ideal for larger areas and for small surface renewing. Highly conductive, the large long-lasting graphite insert

